In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A backlight module, comprising:

a first fixed seat having a plurality of grooves;

a second fixed seat having a plurality of grooves;

a first conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the first fixed seat;

a second conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the second fixed seat;

a plurality of lamps, disposed parallel to one another, each having a first end and a second end, wherein each first end is disposed in the corresponding V-shaped scallop of the first conductive device and each second end is disposed in the corresponding V-shaped scallop of the second conductive device;

a third fixed seat disposed on the first end for fixing the lamps; ~~and~~

a fourth fixed seat disposed on the second end for fixing the lamps;

a first isolation layer, disposed between the first end of the lamp and the third fixed seat; and

a second isolation layer, disposed between the second end of the lamp and the fourth fixed seat.

2. (Original) The backlight module as claimed in claim 1, wherein depth and area of each V-shaped scallop both exceed a diameter of the lamp.

3. (Canceled)

4. (Currently Amended) The backlight module as claimed in claim 1, further comprising:

a third conductive device, disposed between the first isolation layer and the first end of the lamp ~~and the third fixed seat~~; and

a fourth conductive device, disposed between the second isolation layer and the second end of the lamp ~~and the fourth fixed seat~~.

5. (Canceled)

6. (Original) The backlight module as claimed in claim 1 further comprising a plurality of fixed devices, each having a V-shaped internal side and disposed between the groove of the first fixed seat and the V-shaped scallops of the first conductive device and disposed between the grooves of the second fixed seat and the V-shaped scallops of the second conductive device, wherein each of the V-shaped scallops of the first and the second conductive devices conforms directly to each V-shaped internal side of the fixed device.

7. (Currently Amended) A liquid crystal display device, comprising at least:

a display panel; and

a backlight module, disposed at the rear of the display panel, supplying light to the display panel, comprising:

a first fixed seat having a plurality of grooves;

a second fixed seat having a plurality of grooves;

a first conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the first fixed seat;

a second conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the second fixed seat;

a plurality of lamps, disposed parallel to one another, each having a first end and a second end, wherein each first end is disposed in the corresponding V-shaped scallop of the first conductive device and each second end is disposed in the corresponding V-shaped scallop of the second conductive device;

a third fixed seat disposed on the first end for fixing the lamps; ~~and~~

a fourth fixed seat disposed on the second end for fixing the lamps; ~~.~~

a first isolation layer, disposed between the first end of the lamp and the third fixed seat; and

a second isolation layer, disposed between the second end of the lamp and the fourth fixed seat.

8. (Original) The liquid crystal display device as claimed in claim 7, wherein depth and area of each V-shaped scallop both exceed a diameter of the lamp.

9. (Canceled)

10. (Currently Amended) The liquid crystal display device as claimed in Claim 7, further comprising:

a third conductive device, disposed between the first end of the lamp and the first isolation layer ~~third fixed seat~~; and

a fourth conductive device, disposed between the second end of the lamp and the second isolation layer~~fourth fixed seat~~.

11. (Canceled)

12. (Original) The liquid crystal display device as claimed in Claim 7, further comprising a plurality of fixed devices, each having a V-shaped internal side and disposed between the groove of the first fixed seat and the V-shaped scallops of the first conductive device and between the grooves of the second fixed seat and the V-shaped scallops of the second conductive device, wherein each of the V-shaped scallops of the first and the second conductive devices conforms directly to each V-shaped internal side of the fixed device.

13. (New) A backlight module, comprising:

a first fixed seat having a plurality of grooves;

a second fixed seat having a plurality of grooves;

a first conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the first fixed seat;

a second conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the second fixed seat;

a plurality of lamps, disposed parallel to one another, each having a first end and a second end, wherein each first end is disposed in the corresponding V-shaped scallop of the first conductive device and each second end is disposed in the corresponding V-shaped scallop of the second conductive device;

a third fixed seat disposed on the first end for fixing the lamps; and

a fourth fixed seat disposed on the second end for fixing the lamps; wherein the surfaces of the third and fourth fixed seats are flat so that the lamps are fixed by triangle spaces formed by the V-shaped scallops and the flat surfaces of the third and fourth fixed seats.

14. (New) The backlight module as claimed in claim 13, wherein depth and area of each V-shaped scallop both exceed a diameter of the lamp.

15. (New) The backlight module as claimed in claim 13, further comprises:

a first isolation layer, disposed between the first end of the lamp and the third fixed seat; and

a second isolation layer, disposed between the second end of the lamp and the fourth fixed seat.

16. (New) The backlight module as claimed in claim 15, further comprising:

a third conductive device, disposed between the first isolation layer and the first end of the lamp; and

a fourth conductive device, disposed between the second isolation layer and the second end of the lamp.

17. (New) The backlight module as claimed in claim 13 further comprising a plurality of fixed devices, each having a V-shaped internal side and disposed between the groove of the first fixed seat and the V-shaped scallops of the first conductive device and disposed between the grooves of the second fixed seat and the V-shaped scallops of the second conductive device,

wherein each of the V-shaped scallops of the first and the second conductive devices conforms directly to each V-shaped internal side of the fixed device.

18. (New) A liquid crystal display device, comprising at least:

a display panel; and

a backlight module, disposed at the rear of the display panel, supplying light to the display panel, comprising:

a first fixed seat having a plurality of grooves;

a second fixed seat having a plurality of grooves;

a first conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the first fixed seat;

a second conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the second fixed seat;

a plurality of lamps, disposed parallel to one another, each having a first end and a second end, wherein each first end is disposed in the corresponding V-shaped scallop of the first conductive device and each second end is disposed in the corresponding V-shaped scallop of the second conductive device;

a third fixed seat disposed on the first end for fixing the lamps; and

a fourth fixed seat disposed on the second end for fixing the lamps; wherein the surfaces of the third and fourth fixed seats are flat so that the lamps are fixed by triangle spaces formed by the V-shaped scallops and the flat surfaces of the third and fourth fixed seats.

19. (New) The liquid crystal display device as claimed in claim 18, wherein depth and area of each V-shaped scallop both exceed a diameter of the lamp.

20. (New) The liquid crystal display device as claimed in claim 18, further comprising:

a first isolation layer, disposed between the first end of the lamp and the third fixed seat; and

a second isolation layer, disposed between the second end of the lamp and the fourth fixed seat.

21. (New) The liquid crystal display device as claimed in Claim 20, further comprising:

a third conductive device, disposed between the first end of the lamp and the first isolation layer; and

a fourth conductive device, disposed between the second end of the lamp and the second isolation layer.

22. (New) The liquid crystal display device as claimed in Claim 18, further comprising a plurality of fixed devices, each having a V-shaped internal side and disposed between the groove of the first fixed seat and the V-shaped scallops of the first conductive device and between the grooves of the second fixed seat and the V-shaped scallops of the second

conductive device, wherein each of the V-shaped scallops of the first and the second conductive devices conforms directly to each V-shaped internal side of the fixed device.